

SYSTEMS AND METHODS FOR OVERCOMING STICTION USING A LEVER

ABSTRACT OF THE DISCLOSURE

[0103] A microstructure is provided including a base layer underlying a first and second structural plates. Operation of the microstructure is capable of overcoming stiction. Methods of operation include providing an edge of the first structural plate in contact with a contact point. A second structural plate is deflected in a way that overcomes stiction between the first structural plate and the contact point. Such deflection can include providing a prying force to lift the first structural plate or a hammering force to disturb any stiction related forces at the contact point.

DE 7112077 v1